Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: VIA ON PTH MANUFACTURING METHOD FOR FINE PITCH CHIP CARRIER

| he specification of which (chec | k one) | | |
|--|--|--|--|
| X is attached | | | |
| <u> </u> | | Alcation Serial No. | |
| by any amendment referred to | above | | ion. Including the claims, as amended |
| of Federal Regulations, §1 56 | | | tion in accordance with Title 37. Code |
| hereby claim foreign priority b certificate listed below and have that of the application on which | also identified below any for | d States Code. §119 of any foreign eign application for patent or inventor | application(s) for patent or inventor's s certificate having a filing date before |
| Prior Foreign Applica | ation(s): | | |
| Number | Country | Day/Month/Year | Priority Claimed |
| PCT/JP2004/01188 | 5 PCT | 19/AUGUST/2004 | YES |
| subject matter of each of the cl | alms of this application is no Juited States Code, §112, I a le 37, Code of Federal Regu | t disclosed in the pitol Critica States acknowledge the duty to disclose Info lations, §1 56 which occurred betwee | ion(s) listed below and, insofar as the application in the manner provided by rmation material to the patentability of n the filing date of the prior application |
| Prior U.S. Applicatio | ns: | | |
| Serial No | | Filing Date | Status |
| are believed to be true; and fu | rther that these statements to rimorisonment, or both, und | | ments made on information and belie willful false statements and the like so lited States Code and that such willfu |
| As a named inventor, I hereby the Patent and Trademark Offi | appoint the following attorne ce connected therewith: Cur | eys and/or agents to prosecute this a stomer Number 24241. | pplication and transact all business in |
| Send all correspondence to: | Anthony J. Canale Customer Number 24241 | | |
| Direct Telephone Calls to: | Anthony J. Canale, (802)7 | 69-8782 | |

IBM Docket No :JP920030157US1

| (1) | Signature: flohicky Ohsunt | | | |
|-----|--|-------------------|--|--|
| | Signature: Scotucity (Material) | Dato | | |
| | Residence: 3302 HIRUTA YASU SHIGA | 2006/Dec/14 | | |
| | Cittzenship: Japan | 2 | | |
| | Post Office Address: Same as residence | | | |
| (2) | Inventor: Kaoru Kobayashi Signature: Kaeru Kolayashi Residence: 4-/3-2/ SAKURAGAOKA, KUSATSUSHI, Citizenship: Japan Post Office Address: Same as residence | SHIEA LOUB/HEC/12 | | |